



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 DD
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P + Nc
Protected poles description	3t
Contacts type and composition	4 NO
[I _{th}] conventional free air thermal current	32 A (at 40 °C)
[I _e] rated operational current	20 A at 440 V 2 poles in series per phase DC-23A 20 A at 440 V 2 poles in series per phase DC-23B 32 A at 400 V AC-23A 32 A at 400 V AC-23B 32 A at 500 V AC-23A 32 A at 500 V AC-23B 32 A at 690 V AC-23A 32 A at 690 V AC-23B
Fuse type	NFC
Fuse size	10 x 38 mm
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal External left side Direct frontal External right side
Mounting support	Plate Rail
[U _i] rated insulation voltage	800 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV
Rated operational power in W	15 kW at 400 V 18.5 kW at 500 V 25 kW at 690 V

Making capacity	320 A at 400 V AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Breaking capacity	256 A at 400 V (AC-23B)
Short-circuit withstand	5.5 kA
Mechanical durability	20000 cycles
Electrical durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - terminals	Power circuit: screw-clamp terminals 2.5... 16 mm ² flexible
Tightening torque	Power circuit: 3 N.m - on screw-clamp terminals

Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1
Height	98 mm
Width	96 mm
Depth	112 mm
Net weight	0.5 kg

Offer Sustainability

RECh Regulation	RECh Declaration
RECh free of SVHC	Yes
EU RoHS Directive	Under investigation
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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